

IN THE CLAIMS

Claim 5 is withdrawn and following new claims are presented.

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9. The arrangement of claim 1 wherein the frequency-converting power supply and ballasting means comprises: i) rectifier means connected with the input terminals and operative to provide a DC voltage at a set of DC terminals, and ii) inverter means connected with the DC terminals and operative to provide to the output terminals a current of substantially sinusoidal waveshape.

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10. The arrangement of claim 1 wherein the frequency-converting power supply and ballasting means comprises: i) rectifier means connected with the input terminals and operative to provide a DC voltage at a set of DC terminals, and ii) inverter means connected with the DC terminals and operative to provide to the output terminals a voltage of substantially sinusoidal waveshape.

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11. The arrangement of claim 1 wherein the frequency-converting power supply and ballasting means comprises: i) rectifier means connected with the input terminals and operative to provide a DC voltage at a set of DC terminals, and ii) inverter means connected with the DC terminals and operative to provide to the output terminals a voltage suitable for starting and operating the gas discharge lamp, the inverter means having a pair of transistors series-connected across the DC terminals.

saturable
inductor

12. The arrangement of claim 1 wherein the frequency-converting power supply and ballasting means comprises: i) rectifier means connected with the input terminals and operative to provide a DC voltage at a set of DC terminals, and ii) inverter means connected with the DC terminals and operative to provide to the output terminals a voltage suitable for starting and operating the gas discharge lamp, the inverter means having transistor means operative to oscillate by way of positive feedback administered by way of saturable inductor means.

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13. The arrangement of claim 6 wherein an AC load voltage is present across the capacitor, which AC load voltage is of substantially sinusoidal waveshape.